



**CONESTOGA-ROVERS
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October 10, 2012

Reference No. 056393

Mr. Michael Berkoff
Remedial Project Manager
U.S. Environmental Protection Agency - Region V
Superfund Division, Remedial Response Section #2
77 West Jackson Boulevard (SR-6J)
Chicago, IL 60604-3590

Dear Mr. Berkoff:

Re: Remedial Action Quarterly Progress Report No. 25 - Third Quarter 2012
12th Street Landfill, Operable Unit No. 4
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Allegan and Kalamazoo County

As required by Task 4, Progress Reports within the Statement of Work for the Remedial Design and Remedial Action at the 12th Street Landfill Operable Unit No. 4, please find attached the Progress Report No. 25 for the period of July 1, 2012 through September 30, 2012.

Should you have any questions or require any additional information, please do not hesitate to contact the undersigned.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Gregory A. Carli, P. E.

GAC/adh/17

Encl.

c.c.: J. Saric (USEPA)
L. Kirby-Miles (USEPA)
S. Borries (USEPA)
R. Frey (USEPA)
K. Zakrzewski (MDEQ)
R. Gay (Weyerhaeuser)
M. Lebo (Weyerhaeuser)

J. Jackowski (Weyerhaeuser)
M. Erickson (Arcadis)
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G. Griffith (Georgia-Pacific LLC)
J. Keiser (CH2M Hill)
S. Hutsell (CH2MHill)

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**REMEDIAL ACTION PROGRESS REPORT NO. 25
JULY 1 THROUGH SEPTEMBER 30, 2012**

**REMEDIAL DESIGN AND REMEDIAL ACTION
12TH STREET LANDFILL, OPERABLE UNIT NO. 4
OTSEGO, MICHIGAN**

This progress report is being submitted to the United States Environmental Protection Agency (USEPA) in accordance with Task 4: Progress Reports and the Summary of Major Deliverables/Schedule contained in the Statement of Work for the Remedial Design and Remedial Action pursuant to the terms of the Consent Decree for the Design and Implementation of Certain Response Action at Operable Unit No. 4 and the Plainwell, Inc. Mill Property (Site) of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site (Consent Decree) which became effective February 22, 2005.

1. WORK PERFORMED

- On July 10, 2012, Progress Report No. 24 was submitted to the USEPA.
- On July 13, 2012, a memorandum summarizing the April 2012 groundwater sampling event was submitted to USEPA.
- The following monitoring and maintenance activities were performed during the Third Quarter 2012:
 - Completed a total of six static water level sampling events in the 2 weeks preceding the Semiannual Monitoring Event (July 2012).
 - Completed the second Semiannual Monitoring Event (July 23-25, 2012), as described in the Operations, Maintenance, and Monitoring Plan (OMMP), dated May 9, 2011; this included the collection of landfill gas readings (pressure, carbon dioxide, oxygen, and methane) from the three gas probes, recording of the surface water level reading from the river staff gauge, documenting the static water level readings and collection of groundwater samples from the 14 monitoring wells installed as part of the RA.
 - August 21, 2012 - exposed geotextile observed during inspection was covered with top soil.
- August 7, 2012, Conestoga-Rovers & Associates (CRA) participated in a Site visit with representatives of the USEPA and the Michigan Department of Environmental Quality (MDEQ) who were on Site to complete the 5-year inspection/Site review.
- On September 17, 2012, CRA submitted the revised Certification of Completion of the OU-4 RA Report and response to comment document to USEPA, in response to their August 16, 2012 comments on the June 2012 revision of the report.
- On September 24, 2012, CRA conducted a Site visit to observe rust-colored discoloration on a section of rip rap. The area was staked and will be observed during a rain event and during the October quarterly sampling event for changes or potential cause of the discoloration.

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2. DATA RECEIVED

- Semiannual Monitoring Event Data (July 2012) was received and is undergoing quality assurance/quality control (QA/QC) review and validation.

**3. MODIFICATIONS TO WORK PLANS OR OTHER SCHEDULES
PROPOSED TO OR APPROVED BY THE USEPA**

- None.

4. PROBLEMS ENCOUNTERED AND PLANNED RESOLUTION

- None.

5. WORK ANTICIPATED DURING THE NEXT REPORTING PERIOD

- Submittal of the July 2012 Semiannual Monitoring Event Data Summary Report.
- October 2012 Quarterly Monitoring Event and Inspection to be completed during the week of October 22, 2012.
- Coordination and implementation of additional landfill gas sampling pending USEPA approval of the May 8, 2012 work plan.
- Complete minor maintenance items including replace rip rap removed from drainage swale, cleanout and improve outlet closest to Wyoming Asphalt, and place angular stone cover over area along drainage swale where vegetation has not been established.

6. ANTICIPATED DEVELOPMENT WITH WORK DURING THE NEXT PERIOD

- None.

7. OTHER RELEVANT INFORMATION

- None.